

Tom Horne
Superintendent

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ARIZONA DEPARTMENT OF EDUCATION

Contact: Amy Rezzonico, Press Secretary (602) 542-5072

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HORNE RELEASES STUDY SHOWING ARIZONA STUDENTS IN STRUCTURED ENGLISH IMMERSION OUTPERFORMED STUDENTS IN BILINGUAL

PHOENIX (Thursday, August 5, 2004) - State Superintendent of Public Instruction Tom Horne today released a study comparing students in structured English immersion with students in bilingual programs for the school year 2002/2003, prior to his enforcement of the rule that students not proficient in English be in structured English immersion programs.

The results of the study are shown in the attached table.

Horne stated: "Students in structured English immersion programs outperformed students in bilingual programs in that they were anywhere from one to four months ahead between second and fourth grade, as much a six months ahead in fifth grade, and over a year ahead from sixth grade on. This means that for students in sixth grade and above, students in structured English immersion programs were over a year ahead of students in bilingual programs."

"These results held for all grade levels and for all subjects tested; reading, language, and math," Horne added.

The comparison was done with results from the Stanford 9 exam, a national norm-reference test.

"Now that we are enforcing the voter-approved requirement that students who are not proficient in English be in structured English immersion programs, hopefully there are no additional students subjected to these educationally inferior bilingual programs," Horne stated.

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(Attachment Second Page)

SAT9 Achievement Data.

			n	Mean Scale Score	Grade Equivalent Difference
2 nd Grade	Reading	SEI	10739	563	2 months**
		Bilingual	1271	551	
	Math	SEI	11461	564	1 month**
		Bilingual	1329	560	
	Language	SEI	11342	545	1 month**
		Bilingual	1318	539	
3rd Grade	Reading	SEI	10619	586	2 months**
		Bilingual	1382	578	
	Math	SEI	10949	587	3 months**
		Bilingual	1423	579	
	Language	SEI	10813	570	3 months**
		Bilingual	1410	564	
4th Grade	Reading	SEI	9909	613	2 months**
		Bilingual	1237	605	
	Math	SEI	10507	614	4 months**
		Bilingual	1306	604	
	Language	SEI	10330	589	2 months**
		Bilingual	1289	582	
5th Grade	Reading	SEI	9505	628	4 months**
		Bilingual	1219	618	
	Math	SEI	9888	637	6 months**
		Bilingual	1244	626	
	Language	SEI	9702	600	3 months**
		Bilingual	1240	590	
6th Grade	Reading	SEI	8190	643	8 months**
		Bilingual	1003	628	
	Math	SEI	8504	654	1 year and 3 months**
		Bilingual	1031	636	
	Language	SEI	8372	610	5 months**
		Bilingual	1026	595	
7th Grade	Reading	SEI	7124	654	1 year and 2 months **
		Bilingual	828	633	
	Math	SEI	7292	666	1 year and 3 months **
		Bilingual	845	650	
	Language	SEI	7188	621	1 year and 2 months **
		Bilingual	849	601	
8th Grade	Reading	SEI	6402	669	1 year and 5 months **
		Bilingual	692	650	
	Math	SEI	6490	674	1 year and 2 months **
		Bilingual	697	659	
	Language	SEI	6452	628	1 year and 3 months **
		Bilingual	700	610	

** $p < .001$

Note: “n” refers to the number of students tested